

Summary

The invention concerns an electric drive device, namely a transverse flow motor.

The transverse flow motor has a stator and a rotor, whereby the stator includes U-shaped stator blades which form a cylindrical ring, and whereby the rotor has permanent magnets which are arranged at the pole ends of the stator blades and which form cylindrical or annular rotor elements.

In accordance with the invention, the U-shaped stator blades (34) of the stator (30) form two cylindrical rings (32, 33), whereby in each case one of the two rings (32, 33) is arranged at one side of the rotor (31) such that the rotor (31) is laterally surrounded by the two rings (32, 33). (Fig. 3)